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Pt. 2

**GENERAL CATALOGUE**  
**OF THE**  
**HOMOPTERA**

**FASCICLE VI**  
**CICADELLOIDEA**

**PART 2**  
**HYLICIDAE**



**Agricultural Research Service**  
**UNITED STATES DEPARTMENT OF AGRICULTURE**

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**GENERAL CATALOGUE**  
**OF THE**  
**HOMOPTERA**

**FASCICLE VI**  
**CICADELLOIDEA**

**PART 2**  
**HYLICIDAE**

By  
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## INTRODUCTION

A catalogue of animals should serve practically all fields of biology. It therefore should be as complete a listing of all the records of families, subfamilies, tribes, genera, species, and varieties as it is possible for the author to assemble. The nature of the reference is of the greatest importance. A student of zoogeography should be able to find a complete list of the regions inhabited by the various species. The student of ecology should be able to find references to all that is known about the life history, food plants, and other pertinent data. The student of economic entomology should be able to check the histories of those species that are suspected of being injurious to plants. The plant disease specialist should be able to check the current nomenclature of the species that are disease vectors or are suspected of being disease vectors. Those research workers studying morphology, physiology, or genetics should be able to trace development in the field of their special interest. And finally, the student of taxonomy should be relieved of the burden of searching for past recordings, and the journals which publish taxonomic papers should be relieved of publishing past records and duplicating synonymy that is already well known. Thus, it would be necessary to record only synonymy that has been developed since publication of the catalogue.

In this, as in other catalogues of the present series, the family is divided into genera, which are arranged in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic sequence.

The notes that follow the references are generally self-explanatory, but three points may be mentioned here. Such notations as "[described]," "[notes]," "[key]," and the like, are intended to be suggestive rather than precise or exclusive. The notation "[error]" means not accepted in this catalogue. Usually, the latest published synonymy is accepted, but not always. The notation "[comparative note]" is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific, or other groups are compared. All references have been checked against the original save those marked with an asterisk (\*), which have been accepted from reliable sources. Every effort has been made to have the references full and complete, and to indicate the character of the data contained. Where the writer knows that reprints have been issued with different pagination, this pagination is given in parentheses

following the page numbers of the original. In the few cases where the matter has been reprinted under a different title with different pagination, separate references are given. Authentic editions republished have been entered as separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the earliest time the action can logically be interpreted to have occurred.

Original spellings have been retained in all cases, except obvious typographical errors. Typographical errors are indicated by placing "[sic]" after the misspelled name. This is not for the purpose of calling attention to the mistakes, but to make certain that students following the catalogue have a clear understanding of what is implied.

The determination of typographical errors is not always easy. These errors range from clearly apparent transpositions of letters to misspelled names of individuals, geographical locations, et cetera. So many generic names have been formed by the transposition and substitution of letters that one is often at a loss to know which names are misspelled and which are not; for example, *Neokolla* and *Keonolla*, or *Alebra*, *Elabra*, and *Eualebra*.

All variations in spelling, save those which refer to endings only, are appropriately cross-referred. The species have also been listed under every known generic combination so that it is possible to find any species without recourse to the index, which will be published at the completion of the Fascicle.

The writer takes no pride in the authorship of *nomina nova*. He uses them only when he thinks they are necessary. No new names are proposed for species or genera described by living authors without first giving the original author an opportunity to correct primary or secondary homonyms.

A catalogue is not a revision of a group. The location of the genera and species in the present catalogue is merely an attempt to reflect what is believed to be the general consensus of the best authorities at the present time. Doubtful genera and species have been included to call them to the attention of subsequent revisers.

An attempt has been made throughout this catalogue to interpret all references in the light of the period in which they were published. This is not always easy and leads perhaps to erroneous conclusions at times, but it is certainly much sounder from the standpoint of nomenclature than the tendency to evaluate references from previous decades in the light of present day practices and procedures.

In this series we have departed from our previous method of giving latinized names to varieties that in the past have been designated by Arabic letters, Greek letters, numbers, or other designations. All varieties are catalogued, however, under the first designation, regard-



less of its form. Some of these varieties may prove to be valid species on further study, and then may be given latinized designations.

Primary homonyms of species have been replaced by *nomina nova*; secondary homonyms have been restored to their original names if the homonymy has been relieved by moving one or the other, or both species, to other genera.

All specific endings have been modified to agree with the suggestions made by Blackwelder 1940, *Journal of the Washington Academy of Sciences* 31: 135-140. There are certain disadvantages inherent in this method, but it seems to the writer that these limitations are outweighed by the advantages. We are confronted by so many coined words that can have no gender, it seems better to use this system and disregard apparent violations of Latin and Greek grammar. Where the gender of generic names can be determined, the appropriate adjustments are made in the specific names.

In a detailed catalogue such as this, it is practically impossible to eliminate all errors. We will appreciate it very much if our attention is directed to all such mistakes. It is especially easy to overlook local lists published in the proceedings of local natural history societies, references to species of economic importance published in scientific agricultural journals, references to vectors of plant diseases published in phytopathological journals, and references of a similar nature. It will be very much appreciated if authors will send us reprints of all articles dealing with the Homoptera. Also, it would seem that no changes in the nomenclature adopted in this catalogue should be made in the future without a full explanation.

All literature available to the writer before December 31, 1955, has been included in this catalogue.

The present catalogue of the Family Hylcidae is the second part of the Cicadelloidea. This was virtually complete at the time of the death of Dr. Z. P. Metcalf on January 5, 1956. It was completed with the aid of Miss Virginia Wade, research analyst, North Carolina State College, who worked with Dr. Metcalf for 7 years, and the technical advice of Dr. David A. Young, Jr., North Carolina State College, and Dr. P. W. Oman, formerly with the Insect Identification and Parasite Introduction Research Branch, Entomology Research Division, U.S. Department of Agriculture, Beltsville, Md. The higher categories utilized in this classification are those decided upon by Dr. Metcalf during his work on the catalogue.

In this part of the catalogue a method of literature citation has been adopted which differs from that used in the catalogues of the fulgoroid families. This change has been instituted to save time, space, and publication costs. It is believed that the revised method will cause no great inconvenience to the reader. Dr. Metcalf himself

advocated it under certain conditions, and it is felt that he would have approved its use for his catalogues.

Under the system used here, and to be used for subsequent portions of the Cicadelloidea catalogue, the literature references are cited by author, year, and key letter, e.g. Fabricius 1802a. The full reference can be obtained by consulting the *Bibliography of the Cicadelloidea* in which authors are arranged alphabetically, and their works chronologically under the author's name. This method of citation eliminates the necessity for a complete literature citation in the catalogue proper.

The Family Hylicidae consists of fourteen genera and twenty-eight species. In the following summary of family characters, Evans' work (Roy. Ent. Soc., London, Trans. 97(2) : 39-54, 1946) has been very helpful:

Head well produced; transclypeal suture distinct; ocelli on crown. Pronotum wider than head including eyes; proepisterna at least partially concealed by head. Forewings elongate, with a very broad appendix extending completely around wing apex; posterior margin of clavus broadly convex, not angulate. Body and wings with sparse setae and scales.

Ross (Syst. Zool. 6: 87-98, 1957) has stated that the hylicids have three macrosetae near the apex of the hind femur, and that the hind tibiae have a row of large spines, each of which has a "hair" set in it.

One of the species in the present catalogue has a distribution covering two or more zoogeographic regions. The other species are recorded as follows: eight from the Oriental Region, seven from the Palearctic Region, seven from the Ethiopian Region, and five from the Malaysian Region.

The known geographic distribution of each species is indicated by superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. In general, the distribution is as given by the author of the reference, the country being the smallest unit, except in the case of larger countries, where States and Provinces are the smallest units. In the larger island groups the individual islands are indicated wherever possible, in view of the importance of island endemism.

D. A. YOUNG, JR.

for

Z. P. METCALF

*Raleigh, North Carolina*  
January 1958

## Family **HYLICIDAE** Distant

- Hylicaria* Distant 1908g: 252 *Division* [Described, key to genera from the Oriental Region]
- Hylicini* Schmidt 1909d: 262 *Tribe* [Notes, taxonomy]  
Schmidt 1911a: 228 *Tribe* [A new genus and a new species from Borneo]
- Hylicaria* Melichar 1912c: 110 [Zoogeography]: 117 [Comparative note]  
Distant 1914d: 360 *Division* [Listed]
- Hylicini* Jacobi 1914a: 379 *Tribe* [Listed]
- Hylicinae* Baker 1915a: 50 [Listed]
- Hylicini* Handlirsch 1925a: 1120 *Tribe* [Described]  
Equals *Gyponinae* (in part) Equals *Hylicaria* (in part) Equals *Hylicinae*
- Hylicinae* China 1927d: 282 *Subfamily* [Listed]
- Hylicaria* Merino 1936a: 394 *Division* [Listed]
- Hylicidae* Jacobi 1944a: 35 *Family* [A new species from Fukien]: 64 [Zoogeography]  
Evans 1946a: 58 [Listed]: 59 [Venation]  
Evans 1946b: 43 [Described, list of genera]: 47 [Taxonomy]  
Evans 1947a: 105, 157, 217 [Taxonomy]: 258 [Listed]  
Evans 1948b: 497, 500 [Venation of tegmina]; 505, 509, 511 [Phylogeny]: 511 [Zoogeography]  
Evans 1950a: 248 [Listed]  
Kramer 1950a: 68 [Venation]  
Metcalf 1951a: 11 *Family* [Phylogeny]  
Evans 1954a: 131 [Zoogeography]  
Evans 1955a: 5 [Catalogue of species from Africa]

## Tribe **HYLICINI** Evans

- Hylicini* Evans 1946b: 47 *Tribe* [Listed]
- Hylicaria* Evans 1946b: 47 *Division* [Listed]  
Evans 1947a: 155, 165, 172, 217 [Taxonomy]
- Hylicinae* Evans 1947a: 174 [Taxonomy]

## Genus *Hylica* Stål

HAPLOTYPE *Hylica paradoxa* [n. sp.] Stål 1863c: 593

TYPE *H[ylica] paradoxa* Distant 1908g: 252

TYPE *Hylica paradoxa* Evans 1946b: 47

### *Hylica*

Stål 1863c: 593 [gen. n.]

Marschall 1873a: 367 [Catalogued]

Scudder 1882b: 156 [Listed]

Atkinson 1885b: 112 (39) [Described, catalogued]

Distant 1908g: 252 [Described, catalogued, key]

Handlirsch 1925a: 1120 [Listed]

Schulze, Kükenthal and Heider 1930b: 1622 [Catalogued]

Neave 1939b: 720 [Catalogued]

Evans 1946b: 47 [Catalogued, taxonomy]

Evans 1947a: 165 [Taxonomy]

*a* Stål (var.) [*paradoxa*]. See *Hylica paradoxa* var. *a* Stål.

*b* Stål (var.) [*paradoxa*]. See *Hylica paradoxa* var. *b* Stål.

### *paradoxa* Stål

*Hylica paradoxa* Stål 1863c: 593 [n. sp.] <sup>1</sup>

*Hylica paradoxa* Atkinson 1885b: 112 (39) [Described, catalogued] <sup>1</sup>

*Hylica paradoxa* Distant 1908g: 253; fig. 160 [Described, illustrated, catalogued] <sup>1 2 3</sup>

*Hylica paradoxa* Paiva 1919a: 376 [Listed] <sup>1 3 4 5</sup>

*Hylica paradoxa* Evans 1946b: 45; figs. 2h, i [Illustrated]: 47 [Listed] <sup>6</sup>

LOCALITIES: <sup>1</sup> Burma. <sup>2</sup> Java. <sup>3</sup> Tenasserim. <sup>4</sup> Assam. <sup>5</sup> Bengal. <sup>6</sup> Borneo.

### *paradoxa* var. *a* Stål

[*Hylica paradoxa*] var. *a* Stål 1863c: 593 [n. var.]

[*Hylica paradoxa*] var. *a* Atkinson 1885b: 112 (39) [Described] <sup>1</sup>

[*Hylica paradoxa*] var. *a* Distant 1908g: 253 [Described] <sup>2</sup>

LOCALITIES: <sup>1</sup> Burma. <sup>2</sup> India.

### *paradoxa* var. *b* Stål

[*Hylica paradoxa*] var. *b* Stål 1863c: 593 [n. var.]

[*Hylica paradoxa*] var. *b* Atkinson 1885b: 112 (39) [Described] <sup>1</sup>

[*Hylica paradoxa*] var. *b* Distant 1908g: 253 [Described] <sup>2</sup>

LOCALITIES: <sup>1</sup> Burma. <sup>2</sup> India.



## Tribe **SUDRINI** Schmidt

- Sudrini Schmidt 1920l: 116 *Tribe* [Listed]  
*Sudrinae* Baker 1924a: 57 *Subfamily* [Listed]  
China 1941a: 255 *Subfamily* [Listed]  
Evans 1947a: 174 [Taxonomy]

## Genus **Hemisudra** Schmidt

- ORTHOTYPE *Hemisudra borneensis* [n. sp.] Schmidt 1911a: 228  
TYPE *Hemisudra borneensis* Schmidt 1920l: 118  
TYPE *Hemisudra borneensis* Evans 1946b: 47

- Hemisudra Schmidt 1911a: 228 [gen. n.]  
Schmidt 1920l: 118 [Catalogued]: 116 [Taxonomy]  
Schmidt 1920m: 127 [Comparative note]  
Schulze, Kükenthal and Heider 1930a: 1514 [Catalogued]  
Neave 1939b: 614 [Catalogued]  
Evans 1946b: 47 [Catalogued]

### **borneensis** Schmidt

- Hemisudra borneensis* Schmidt 1911a: 230 [n. sp.]<sup>1</sup>  
*Hemisudra borneensis* Schmidt 1920l: 118 [Catalogued]<sup>1</sup>  
*Hemisudra borneensis* Evans 1946b: 47 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup> Borneo.

## Genus **Sudra** Distant

- ORTHOTYPE *S[udra] notanda* [n. sp.] Distant 1908g: 257  
TYPE *S[udra] notanda* Schmidt 1909d: 265  
TYPE *Sudra notanda* Schmidt 1920l: 117  
TYPE *Sudra notanda* Evans 1946b: 47

- Sudra Distant 1908g: 257 [gen. n.]: 252 [Key]: 258 [Comparative note]  
Schmidt 1909d: 265 [Catalogued, a new species from North Borneo]: 262, 263 [Comparative notes]  
Schmidt 1911a: 229 [Comparative note, catalogued]  
Waterhouse 1912a: 289 [Listed]  
Schmidt 1920l: 117 [Catalogued, a new species from Sumatra]: 119 [Comparative note]: 116 [Taxonomy]  
Schmidt 1920m: 127 [Comparative note]  
Handlirsch 1925a: 1120 [Listed]

Sudra—Con. Schulze, Kükenthal and Heider 1937a: 3337  
 [Catalogued]  
 Neave 1940b: 350 [Catalogued]  
 Metcalf 1944b: 157 [Bibliography]  
 Evans 1946b: 47 [Taxonomy, catalogued]  
 Pesson 1951a: 1517 [Listed]

*borneensis* Schmidt. See *Pseudosudra borneensis* Schmidt.

### **insularis** Schmidt

*Sudra insularis* Schmidt 1920l: 117 [n. sp.] <sup>1</sup>

LOCALITIES: <sup>1</sup> Sumatra.

### **notanda** Distant

*Sudra notanda* Distant 1908g: 257; fig. 164 [n. sp., illustrated] <sup>1</sup>

*Sudra notanda* Schmidt 1920l: 117 [Catalogued, comparative note] <sup>1</sup> : 116 [Listed]

*Sudra notanda* Evans 1946b: 47 [Listed] <sup>1</sup>

LOCALITIES: <sup>1</sup> Burma.

## **Genus Parasudra** Schmidt

ORTHOTYPE *P [arasudra] sumatrana* [n. sp.] Schmidt 1909d: 263

TYPE *Parasudra sumatrana* Schmidt 1920l: 118

PSEUDOTYPE *Parasudra borneensis* Evans 1946b: 47

TYPE [*Parasudra*] *sumatrana* Evans 1947a: 258

PSEUDOTYPE *P [arasudra] borneensis* Evans 1947a: 258

### **Parasudra**

Schmidt 1909d: 263 [gen. n.]

Schmidt 1911a: 228, 229 [Comparative notes]

Waterhouse 1912a: 218 [Listed]

Schmidt 1920l: 118 [Catalogued]: 116 [Taxonomy]: 119 [Comparative note]

Schmidt 1920m: 127 [Comparative note]

Schulze, Kükenthal and Heider 1933b: 2522 [Catalogued]

Neave 1940a: 599 [Catalogued]

Metcalf 1944b: 157 [Bibliography]

Evans 1946b: 47 [Catalogued]

Evans 1947a: 258 [Listed]

*borneensis* Schmidt. See *Pseudosudra borneensis* Schmidt.

### **sumatrana** Schmidt

*Parasudra sumatrana* Schmidt 1909d: 265; fig. 1 [n. sp., illustrated, comparative note] <sup>1</sup>

*Parasudra sumatrana* Schmidt 1920l: 118 [Catalogued] <sup>1</sup>: 119 [Comparative note]

[*Parasudra*] *sumatrana* Evans 1947a: 258 [Listed] <sup>1</sup>

LOCALITIES: <sup>1</sup> Sumatra.

## Genus **Pseudosudra** Schmidt

ORTHOTYPE *Pseudosudra borneensis* Schmidt 1920l: 118

TYPE *Pseudopsudra* [sic] *borneensis* Evans 1947a: 258

**Pseudosudra** Schmidt 1920l: 118 [gen. n.]: 116 [Taxonomy]  
Schulze, Kükenthal and Heider 1935b: 2928 [Catalogued]  
Neave 1940a: 1006 [Catalogued]  
Evans 1947a: 258 [Catalogued]

### **borneensis** Schmidt

*Sudra borneensis* Schmidt 1909d: 265 [n. sp.]<sup>1</sup>

*Pseudosudra borneensis* Schmidt 1920l: 119 [Notes, catalogued]<sup>1</sup>

Equals *Sudra borneensis* Schmidt

*Parasudra borneensis* Evans 1946b: 47 [Listed]<sup>1</sup>

*Pseudopsudra* [sic] *borneensis* Evans 1947a: 258 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup> North Borneo.

## Genus **Assiringia** Distant

ORTHOTYPE *A[ssiringia] exhibita* [n. sp.] Distant 1908g: 255

TYPE *Assiringia exhibita* Evans 1946b: 46

**Assiringia** Distant 1908g: 255 [gen. n.]: 252 [Key]  
Waterhouse 1912a: 27 [Listed]  
Schulze, Kükenthal and Heider 1926b: 302 [Catalogued]  
Neave 1939a: 325 [Catalogued]  
Evans 1946b: 46 [Catalogued]: 47 [Taxonomy]

### **exhibita** Distant

*Assiringia exhibita* Distant 1908g: 255; fig. 162 [n. sp., illustrated]<sup>1</sup>

*Assiringia exhibita* Evans 1946b: 46 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup> Burma.

## Genus **Kalasha** Distant

ORTHOTYPE *K[alasha] nativa* [n. sp.] Distant 1908g: 254

TYPE *Kalasha nativa* Evans 1946b: 47

**Kalasha** Distant 1908g: 254 [gen. n.]: 252 [Key]  
Waterhouse 1912a: 144 [Listed]  
Jacobi 1914a: 379 [Notes, catalogued, a new species from Sumatra]  
Schulze, Kükenthal and Heider 1930b: 1719 [Catalogued]

Kalasha—Con.

Neave 1939b: 816 [Catalogued]

Evans 1946b: 47 [Catalogued, taxonomy]

**nativa** Distant

*Kalasha nativa* Distant 1908g: 254; fig. 161 [n. sp., illustrated] <sup>1</sup>

*K[alasha] nativa* Jacobi 1914a: 379 [Comparative note]

*Kalasha nativa* Evans 1946b: 47 [Listed] <sup>1</sup>: 45; fig. 2e [Venation, illustrated]

LOCALITIES: <sup>1</sup> Assam.

**sondaica** Jacobi

*Kalasha sondaica* Jacobi 1914a: 379; fig. 1 [n. sp., illustrated] <sup>1</sup>

*Balala* [sic] *sondaica* Jacobi 1914a: 381 [Comparative note]

LOCALITIES: <sup>1</sup> Sumatra.

**Genus *Hatigoria* Distant**

ORTHOTYPE *H[atigoria] praeiens* [n. sp.] Distant 1908g: 258

TYPE *Hatigoria praecens* [sic] Evans 1946b: 47

TYPE *Hatigoria praeiens* Esaki and Ito 1954a: 26

**Hatigoria**

Distant 1908g: 258 [gen. n.]: 252 [Key]

Waterhouse 1912a: 124 [Listed]

Jacobi 1914a: 381 [Notes]

Schumacher 1915a: 96 [Listed]

Schulze, Kükenthal and Heider 1930a: 1479  
[Catalogued]

Neave 1939b: 580 [Catalogued]

Evans 1946b: 47 [Catalogued, taxonomy]

Esaki and Ito 1954a: 26 [Catalogued, catalogue of species from Japan]

*praecens*. Typographical error for *Hatigoria praeiens* Distant.

**praeiens** Distant

*Hatigoria praeiens* Distant 1908g: 258; fig. 165 [n. sp., illustrated] <sup>1</sup>

*Hatigoria praecens* [sic] Evans 1946b: 47 [Listed] <sup>1</sup>

LOCALITIES: <sup>1</sup> Burma.

**sauteri** Jacobi

*Hatigoria sauteri* Jacobi 1914a: 380; figs. 2, 2a [n. sp., illustrated] <sup>1</sup>

*Hatigoria sauteri* Schumacher 1915a: 96 [Catalogued] <sup>1</sup>

*Hatigoria sauteri* Kato 1933b: pl. 24, fig. 2 [Illustrated] <sup>2</sup>

*Hatigoria sauteri* Esaki and Ito 1954a: 26 [Catalogued] <sup>1</sup>

LOCALITIES: <sup>1</sup> Formosa. <sup>2</sup> Japan.



## Genus **Traiguma** Distant

ORTHOTYPE *T* [*raiguma*] *nasuta* [n. sp.] Distant 1908g: 261

TYPE *Traiguma nasuta* Evans 1946b: 47

**Traiguma** Distant 1908g: 261 [gen. n.] : 252 [Key]  
Waterhouse 1912a: 305 [Listed]  
Distant 1918b: 27 [Catalogued]  
Schulze, Kükenthal and Heider 1938a: 3516  
[Catalogued]  
Neave 1940b: 525 [Catalogued]  
Evans 1946b: 47 [Catalogued, taxonomy]

— Distant (var.) [*verticalis*]. See *Traiguma verticalis* var. — Distant.

### **nasuta** Distant

*Traiguma nasuta* Distant 1908g: 261; fig. 168 [n. sp., illustrated] <sup>1</sup>

*Traiguma nasuta* Distant 1918b: 27 [Described, catalogued] <sup>1</sup>; 28  
[Comparative note]

*Traiguma nasuta* Evans 1946b: 45; figs. 2c, d, k [Illustrated] : 47  
[Listed] <sup>2</sup>

LOCALITIES: <sup>1</sup> Madras. <sup>2</sup> Southern India.

### **verticalis** Distant

*Traiguma verticalis* Distant 1918b: 27 [n. sp.] <sup>1</sup>

LOCALITIES: <sup>1</sup> Madras.

### **verticalis** var. — Distant

[*Traiguma verticalis*] var. — Distant 1918b: 27 [n. var.] <sup>1</sup>

LOCALITIES: <sup>1</sup> Madras.

## Genus **Nacolus** Jacobi

ORTHOTYPE *Nacolus gavialis* [n. sp.] Jacobi 1914a: 381

TYPE *Nacolus gravialis* [sic] Evans 1946b: 47

TYPE *Nacolus gavialis* Esaki and Ito 1954a: 26

### [*Ahenobarbus* Distant]

[ORTHOTYPE *A* [*henobarbus*] *assamensis* [n. sp.] Distant 1918b:  
28]

[TYPE *Ahenobarbus assamensis* Evans 1946b: 46]

**Nacolus** Jacobi 1914a: 381 [gen. n.]  
Schumacher 1915a: 97 [Listed]  
*Ahenobarbus* Distant 1918b: 28 [gen. n.]  
*Ahenobarhus* [sic] Schulze, Kükenthal and Heider 1926a: 91  
[Catalogued]  
**Nacolus** Schulze, Kükenthal and Heider 1932b: 2185  
[Catalogued]

<i>Ahenobarbus</i>	Ouchi 1938b: 27 [A new species from Chekiang]
<i>Ahenobarbus</i>	Neave 1939a: 97 [Catalogued]
<i>Nacolus</i>	Neave 1940a: 258 [Catalogued]
	Jacobi 1944a: 35 [Catalogued]
<i>Ahenobarbus</i>	Jacobi 1944a: 35 [Catalogued]
	Metcalf 1944b: 157 [Bibliography]
<i>Nacolus</i>	Evans 1946b: 46 Equals <i>Ahenobarbus</i> Dist. :47 [Catalogued]
<i>Ahenobarbus</i>	Evans 1946b: 46 [Catalogued]
<i>Nacolus</i>	Esaki and Ito 1954a: 26 [Catalogued, catalogue of species from Japan] Equals <i>Ahenobarbus</i> Dist.

### **assamensis** Distant

*Ahenobarbus assamensis* Distant 1918b: 28; fig. 12 [n. sp., illustrated] <sup>1</sup>

*Ahenobarbus assamensis* Kato 1928e: 227; text figs. 1, 1b [Described, illustrated, catalogued] <sup>2</sup>

*Ahenobarbus assamensis* Kato 1933b: pl. 24, fig. 1 [Illustrated] <sup>3</sup>

*Ahenobarbus assamensis* Ouchi 1938b: 28; fig. 1a [Comparative note, illustrated]

*Ahenobarbus assamensis* Jacobi 1944a: 35 To *Nacolus gavialis* Jac. [error]

*Ahenobarbus assamensis* Evans 1946b: 46 [Listed] <sup>1</sup>

*Nacolus assamensis* Esaki and Ito 1945a: 27 [Catalogued] <sup>1 2 4</sup>  
Equals *Ahenobarbus assamensis* Dist.

LOCALITIES: <sup>1</sup> Assam. <sup>2</sup> Formosa. <sup>3</sup> Japan. <sup>4</sup> India.

### **gavialis** Jacobi

*Nacolus gavialis* Jacobi 1914a: 381; figs. 3, 3a [n. sp., illustrated] <sup>1</sup>

*Nacolus gavialis* Schumacher 1915a: 97 [Catalogued] <sup>1</sup>

*Nacolus gavialis* Jacobi 1944a: 35 [Notes, catalogued] <sup>2</sup> Equals *Mellia granulata* Schmidt [error] Equals *Ahenobarbus assamensis* Dist. [error]

*Nacolus gravialis* [sic] Evans 1946b: 47 [Listed] <sup>1</sup>

*Nacolus gavialis* Esaki and Ito 1954a: 27 [Catalogued] <sup>1</sup>

LOCALITIES: <sup>1</sup> Formosa. <sup>2</sup> Fukien.

*gravialis*. Typographical error for *Nacolus gavialis* Jacobi.

### **sinensis** Ouchi

*Ahenobarbus sinensis* Ouchi 1938b: 27; fig. 1b [n. sp., illustrated] <sup>1</sup>

LOCALITIES: <sup>1</sup> Chekiang.

**tuberculatus** Walker

- Prolepta* (?) *tuberculata* Walker 1858c: 315 [n. sp.] <sup>1</sup>  
*P[rolepta] tuberculata* Walker 1862a: 305 [Comparative note]  
*[Prolepta]* (?) *tuberculata* Oshanin 1907a: 224 [Catalogued] <sup>1</sup>  
*Vangama* (?) *tuberculata* Distant 1912d: 446 [Notes, catalogued] <sup>1</sup> Equals *Prolepta* (?) *tuberculata* Wlk.  
*[Prolepta]* (?) *tuberculata* Oshanin 1912a: 114 [Listed] <sup>1</sup>  
*[Ahenobarbus tuberculatus]* Distant 1918b: 28 [Catalogued] <sup>1</sup>  
Equals *Prolepta* (?) *tuberculata* Wlk.  
*P[rolepta] tuberculata* Wu 1935a: 97 [Catalogued] <sup>2</sup>

LOCALITIES: <sup>1</sup> Northern China. <sup>2</sup> China.

**Genus Balala** Distant

- ORTHOTYPE *B[alala] fulviventris* Distant 1908g: 250  
TYPE *Balala fulviventris* Schmidt 1920l: 117  
TYPE *Penthimia fulviventris* China 1941a: 255  
TYPE *Penthimia fulviventris* Evans 1946b: 46  
TYPE *Penthimia fulviventris* Esaki and Ito 1954a: 25

[*Wania* Liu]

- [ORTHOTYPE *Wania membracioidea* [n. sp.] Liu 1939c: 297]  
[TYPE *Wania membracioidea* [sic] Evans 1946b: 47]

- |              |  |
|--------------|--|
| Balala       | Distant 1908g: 250 [gen. n.] : 241 [Key]<br>Schmidt 1909d: 262 [Comparative note]<br>Schmidt 1911a: 229 [Comparative note, catalogued]<br>Waterhouse 1912a: 32 [Listed]<br>Jacobi 1914a: 380 [Taxonomy]<br>Schumacher 1915a: 97 [Listed]<br>Schmidt 1920l: 117 [Catalogued]: 116 [Taxonomy]<br>Schmidt 1920m: 127 [Comparative note]<br>Schulze, Kükenthal and Heider 1926c: 364 [Catalogued]<br>Haupt 1927a: 17 [Listed]<br>Neave 1939a: 386 [Catalogued] |
| <i>Wania</i> | Liu 1939c: 297 [gen. n.]   |
| Balala       | China 1941a: 255 [Catalogued] Equals <i>Wania</i><br>Liu<br>Evans 1946b: 46 [Catalogued] : 47 Equals<br><i>Wania</i> Liu [Taxonomy]  |
| <i>Wania</i> | Evans 1946b: 47 [Catalogued]<br>Neave 1950a: 293 [Catalogued]  |
| Balala       | Esaki and Ito 1954a: 25 [Catalogued, catalogue of species from Japan]  |

## **formosana** Kato

*Balala formosana* Kato 1928e: 228; pl. IX, fig. 3 [n. sp., illustrated] <sup>1</sup>

*Balala formosana* Kato 1933b: pl. 24, fig. 4 [Illustrated] <sup>2</sup>

*B[alala] formosana* China 1941a: 255 [Catalogued] <sup>1</sup>

*Balala formosana* Esaki and Ito 1954a: 26 [Catalogued] <sup>1</sup>

LOCALITIES: <sup>1</sup> Formosa. <sup>2</sup> Japan.

## **fulviventris** Walker

*Penthimia fulviventris* Walker 1851b: 841 [n. sp.] <sup>1</sup>

[*Penthimia*] *fulviventris* Dohrn 1859a: 93 [Listed] <sup>1</sup>

*Balala fulviventris* Distant 1908g: 251; fig. 159 [Described, illustrated, catalogued] <sup>2 3 4 5</sup> Equals *Penthimia* [*fulviventris* Wlk.]

*Balala fulviventris* Jacobi 1914a: 380 [Listed] <sup>6 7</sup>

*Balala fulviventris* Schumacher 1915a: 97 [Catalogued] <sup>5 6 7 8</sup>  
Equals *Penthimia fulviventris* Wlk.

*Balala fulviventris* Schmidt 1920l: 118 [Notes, catalogued] <sup>10 11</sup>

*B[alala] fulviventris* Kato 1928e: 228 [Comparative note]

[*Balala fulviventris*] China 1941a: 255 [Comparative note] <sup>12</sup>  
[Equals *Penthimia fulviventris* Wlk.]

*Balala fulviventris* Jacobi 1944a: 35 [Listed] <sup>9</sup>

*Balala fulviventris* Evans 1946a: 59; fig. 23 [Venation, illustrated]

[*Balala fulviventris*] Evans 1946a: 46 [Listed] <sup>2 4 5</sup> Equals *Penthimia fulviventris* Wlk.: 45; figs. 2a, b, f, g, j [Illustrated]

*Balala fulviventris* Evans 1948b: 509 [Notes]

*Balala fulviventris* Evans 1950a: 248; fig. 13 [Notes, illustrated]

*Balala fulviventris* Esaki and Ito 1954a: 26 [Catalogued] <sup>4 5 6 8</sup>  
Equals *Penthimia fulviventris* Wlk.

LOCALITIES: <sup>1</sup> Locality unknown. <sup>2</sup> Assam. <sup>3</sup> Madras. <sup>4</sup> Burma. <sup>5</sup> Borneo.

<sup>6</sup> Formosa. <sup>7</sup> Hainan Island. <sup>8</sup> India. <sup>9</sup> Fukien. <sup>10</sup> Sumatra. <sup>11</sup> Tonkin.

<sup>12</sup> Indo-China.

## **membracioidea** Liu

*Wania membracioidea* Liu 1939c: 297; 3 figs. [n. sp., illustrated] <sup>1</sup>

[*Balala membracioidea*] China 1941a: 255 [Notes] <sup>1</sup> Equals

*Wania membracioidea*

[*Balala membracioidea*] Evans 1946b: 47 [Listed] <sup>2</sup> Equals

*Wania membracioidea* [sic] Liu

*Balala membracioidea* Evans 1946b: 46 [Notes] <sup>2</sup>

LOCALITIES: <sup>1</sup> Anhwei. <sup>2</sup> China.

## Genus **Karasekia** Melichar

ORTHOTYPE *K[arasekia] lata* Melichar 1912c: 117

TYPE *Karasekia lata* Evans 1946b: 47



**Karasekia** Melichar 1912c: 117 [gen. n.] : 110 [Zoogeography]  
 Melichar 1926a: 345 [Key]  
 China 1927d: 282 [Taxonomy, catalogued]  
 Schulze, Kükenthal and Heider 1930b: 1721  
 [Catalogued]  
 Neave 1939b: 819 [Catalogued]  
 Evans 1946b: 47 [Catalogued]

**lata** Melichar

*Wolfella lata* Melichar 1905a: 299 [n. sp.] <sup>1</sup>  
*Karasekia lata* Melichar 1912c: 118: pl. I, figs. 3, 3a-b [Described,  
 illustrated, catalogued] <sup>1</sup> Equals *Wolffella* [sic] [*lata* Mel.]  
*Karasekia lata* Evans 1946b: 47 [Listed] <sup>2</sup>  
*Kareskia* [sic] *lata* Evans 1955a: 5 [Catalogued] <sup>3</sup>  
 LOCALITIES: <sup>1</sup> Tanganyika. <sup>2</sup> Eastern Africa. <sup>3</sup> Africa.

**pugionata** Melichar

*Karasekia pugionata* Melichar 1912c: 118; pl. I, fig. 4 [n. sp.,  
 illustrated] <sup>1</sup>  
*Kareskia* [sic] *pugionata* Evans 1955a: 5 [Catalogued] <sup>2</sup>  
 LOCALITIES: <sup>1</sup> Tanganyika. <sup>2</sup> Africa.

**Genus *Wolfella* Spinola**

HAPLOTYPE *Wolfella caternaultii* [n. sp.] Spinola 1850b: 120  
 TYPE *Wolfella caternaultii* Evans 1946b: 47

**Wolfella** Spinola 1850b: 120 [gen. n.]: 123, 124 [Comparative notes]  
 Spinola 1850a: 57 [Key]  
 Schaum 1851a: 269 [Described]  
 Walker 1858b: 248 [Listed]  
 Stål 1866a: 263 [Listed]  
 Marschall 1873a: 385 [Catalogued]  
 Scudder 1882b: 336 [Listed]  
 Atkinson 1885b: 97 [Listed]  
 Signoret 1891a: 468 [Comparative note]  
 Kirkaldy 1907d: 87 [Key]  
*Wolffella* [sic] Melichar 1912c: 110 [Zoogeography]  
**Wolfella** Melichar 1926a: 345 [Key]  
 Sherborn 1932a: 7010 [Catalogued]  
 Neave 1940b: 658 [Catalogued]  
 Schulze, Kükenthal and Heider 1940a: 3656  
 [Catalogued]  
 Evans 1946b: 47 [Catalogued]  
 Metcalf 1947a: 161 [Zoogeography]

### **caternaultii** Spinola

*Wolfella caternaultii* Spinola 1850b: 122 [n. sp.]<sup>1</sup>

*W[olfella] caternaultii* Schaum 1851a: 269 [Listed]<sup>1</sup>

*T[ettigonia] caternaultii* Signoret 1855d: 768; pl. 23, fig. 3 [Described, illustrated, catalogued]<sup>1</sup> Equals *Wolfella caternaultii* Spin.

*Wolfella caternaultii* Walker 1858b: 248 [Catalogued]<sup>1</sup> Equals *Tettigonia caternaultii* Sign.

[*Tettigonia*] *caternaultii* Dohrn 1859a: 92 [Listed]<sup>1</sup>

[*Wolfella*] *caternaultii* Stål 1866a: 263 [Listed]<sup>2</sup>

*W[olfella] caternaultii* Haglund 1899a: 57 [Comparative note]

*W[olfella] caternaultii* Schmidt 1924a: 98 [Comparative note]

*Wolfella caternaultii* Sherborn 1924b: 1139 [Catalogued]

*Wolfella caternaultii* Evans 1946b: 45; fig. 21 [Illustrated]: 47 [Listed]<sup>1 3 4</sup>

*Wolfella caternaultii* Evans 1955a: 5 [Catalogued]<sup>2</sup>

LOCALITIES: <sup>1</sup> Guinea. <sup>2</sup> Africa. <sup>3</sup> Uganda. <sup>4</sup> West Africa.

### **ensifera** Schmidt

*Wolfella ensifer* Schmidt 1924a: 98 [n. sp.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Fernando Po.

### **ensifformis** Schmidt

*Wolfella ensiformis* Schmidt 1924a: 97 [n. sp.]<sup>1</sup>: 98 [Comparative note]

LOCALITIES: <sup>1</sup> Príncipe Island.

*lata* Melichar. See *Karasekia lata* Melichar.

### **rühli** Schmidt

*Wolfella rühli* Schmidt 1924c: 21 [n. sp.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Tanganyika.

### **spinolae** Haglund

*Wolfella* [sic] *spinolae* Haglund 1899a: 57 [n. sp.]<sup>1</sup>

*Wolfella* [sic] *spinolae* Melichar 1912c: 116; pl. I, figs. 2, 2a [Described, illustrated, catalogued]<sup>2 3</sup>

*Wolfella spinolae* Evans 1955a: 5 [Catalogued]<sup>4</sup>

LOCALITIES: <sup>1</sup> Cameroons. <sup>2</sup> French Congo. <sup>3</sup> Southern Cameroons. <sup>4</sup> Africa.

## Tribe MELLIOLINI Metcalf

*Melliini*

Schmidt 1920m: 127 *Tribe* [A new genus and a new species from China]

Jacobi 1944a: 35 [Catalogued]

## Genus *Melliola* Hedicke

LOGOTYPE *Mellia granulata* Evans 1946b: 47

[*Mellia* Schmidt]

[ORTHOTYPE *Mellia granulata* [n. sp.] Schmidt 1920m: 127]

<i>Mellia</i>	Schmidt 1920m: 127 [gen. n.]
Melliola	Hedicke 1923a: 72 Nom. nov. pro <i>Mellia</i> Schmidt [1920] [nec <i>Mellia</i> Hermann- sen 1847] [Catalogued]
<i>Mellia</i>	Schulze, Kükenthal and Heider 1931b: 2025 [Catalogued]
	Wu 1935a: 77 [Catalogued, catalogue of spe- cies from China]
	Neave 1940a: 97 [Catalogued] To <i>Melliola</i> Hedicke
Melliola	Neave 1940a: 97 [Catalogued] Equals <i>Mellia</i> Schmidt
<i>Mellia</i>	Jacobi 1944a: 35 [Catalogued]
Melliola	Jacobi 1944a: 35 [Catalogued]
<i>Melliala</i> [sic]	Evans 1946b: 47 [Catalogued] Equals <i>Mellia</i> Schmidt
Melliola	Evans 1947a: 258 Equals <i>Melliala</i> [sic]

### *granulata* Schmidt

*Mellia granulata* Schmidt 1920m: 128 [n. sp.] <sup>1</sup>

*M[ellia] granulata* Wu 1935a: 77 [Catalogued] <sup>2</sup>

*Mellia granulata* Jacobi 1944a: 35 To *Nacolus gavalis* Jac.  
[error]

[*Melliola granulata*] Evans 1946b: 47 [Listed] <sup>1</sup> Equals *Mellia*  
*granulata* Schmidt

LOCALITIES: <sup>1</sup> China. <sup>2</sup> Kwangtung.

## GENERIC AND SPECIFIC SYNONYMY

### Genus *Ahenobarbus* Distant

*Ahenobarbus* Distant. See *Nacolus* Jacobi.

*assamensis* Distant. See *Nacolus assamensis* Distant.

*sinensis* Ouchi. See *Nacolus sinensis* Ouchi.

*tuberculatus* Walker. See *Nacolus tuberculatus* Walker.

### Genus *Ahenobarhus*

*Ahenobarhus*. Typographical error for *Ahenobarbus* Distant. See *Nacolus*  
Jacobi.

## Genus **Balala**

*Balala*. Typographical error for *Kalasha* Distant.

## Genus **Bhooria** Distant

*Bhooria* Distant. See *Bhooria* Distant. Family TETTIGELLIDAE.

## Genus **Cyrta** Melichar

*Cyrta* Melichar. See *Cyrta* Melichar. Family COELIDIIDAE.

## Genus **Gurawa** Distant

*Gurawa* Distant. See *Gurawa* Distant. Family APHRODIDAE.

## Genus **Kareskia**

*Kareskia*. Typographical error for *Karasekia* Melichar.

## Genus **Mellia** Schmidt

*Mellia* Schmidt. See *Melliola* Hedicke.

*granulata* Schmidt. See *Melliola granulata* Schmidt.

## Genus **Melliala**

*Melliala*. Typographical error for *Melliola* Hedicke.

## Genus **Namsangia** Distant

*Namsangia* Distant. See *Namsangia* Distant. Family TETTIGELLIDAE.

## Genus **Pseudopsudra**

*Pseudopsudra*. Typographical error for *Pseudosudra* Schmidt.

## Genus **Pythamus** Melichar

*Pythamus* Melichar. See *Pythamus* Melichar. Family EVACANTHIDAE.

## Genus **Vangama** Distant

*Vangama* Distant. See *Vangama* Distant. Family EVACANTHIDAE.

## Genus **Wania** Liu

*Wania* Liu. See *Balala* Distant.

*membracioidea* Liu. See *Balala membracioidea* Liu.

*membracioidea*. Typographical error for *Wania membracioidea* Liu. See *Balala membracioidea* Liu.

## Genus **Wolffella**

*Wolffella*. Typographical error for *Wolffella* Spinola.





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